Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/21/2017 12:22 PM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 25720, Expiration Date: 06/30/2017
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	598	125000	125000	1.49	117380	1.49	18102	5.4
Blue	F	SSC	534	125000	125000	2.5	121745	2.32	60332	1.43
Blue	E	FITC	544	23355	23173	2.28	1037	10.13	118	36.24
Blue	D	PE	538	28848	26392	1.9	1036	9.58	228	28.12
Blue	B	PerCP-Cy5-5	630	47791	51551	3.22	1369	16.63	216	43.13
Blue	A	PE-Cy7	681	41358	42524	4.76	640	34.63	70	115.31
Red	C	APC	594	51316	53352	2.88	2974	9.43	347	27.4
Red	A	APC-Cy7	576	53225	54929	2.86	1101	11.26	121	40.56
Violet	B	V450	471	14473	14537	5.98	694	9.7	84	42.8
Violet	A	V500	501	59973	59972	5.88	2648	7.77	194	23.27

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.7	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.1054	-14.3	N/A	N/A	N/A
Blue	E	FITC	42	241653	7.3427	-15.7	23.4	0.0207	53
Blue	D	PE	62	241993	7.2566	-15.4	23.4	0.1657	230
Blue	B	PerCP-Cy5-5	330	235119	7.3510	-15.9	23.3	0.0104	61
Blue	A	PE-Cy7	87	233977	7.4301	-16.4	22.6	0.0125	15
Red	C	APC	93	238725	7.3837	-15.8	19.5	0.0205	64
Red	A	APC-Cy7	57	240505	7.4016	-15.7	18.7	0.0055	1671
Violet	B	V450	124	241728	7.3725	-15.5	14.2	0.0583	2720
Violet	A	V500	76	240944	7.5928	-15.7	15.5	0.0152	617

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-31.51	-31.33	0.87
Blue	20.34	16.27 - 24.41	1.26	0.99 - 1.49	0.00	0.00	1.31
Red	16.71	13.27 - 19.91	N/A	N/A	31.67	31.89	1.15

Window Extension: 7.00
FSC Area Scaling Factor: 0.89

Threshold

Threshold (FSC): 10763

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.70
Spec.: 3.80 - 4.00

Comments

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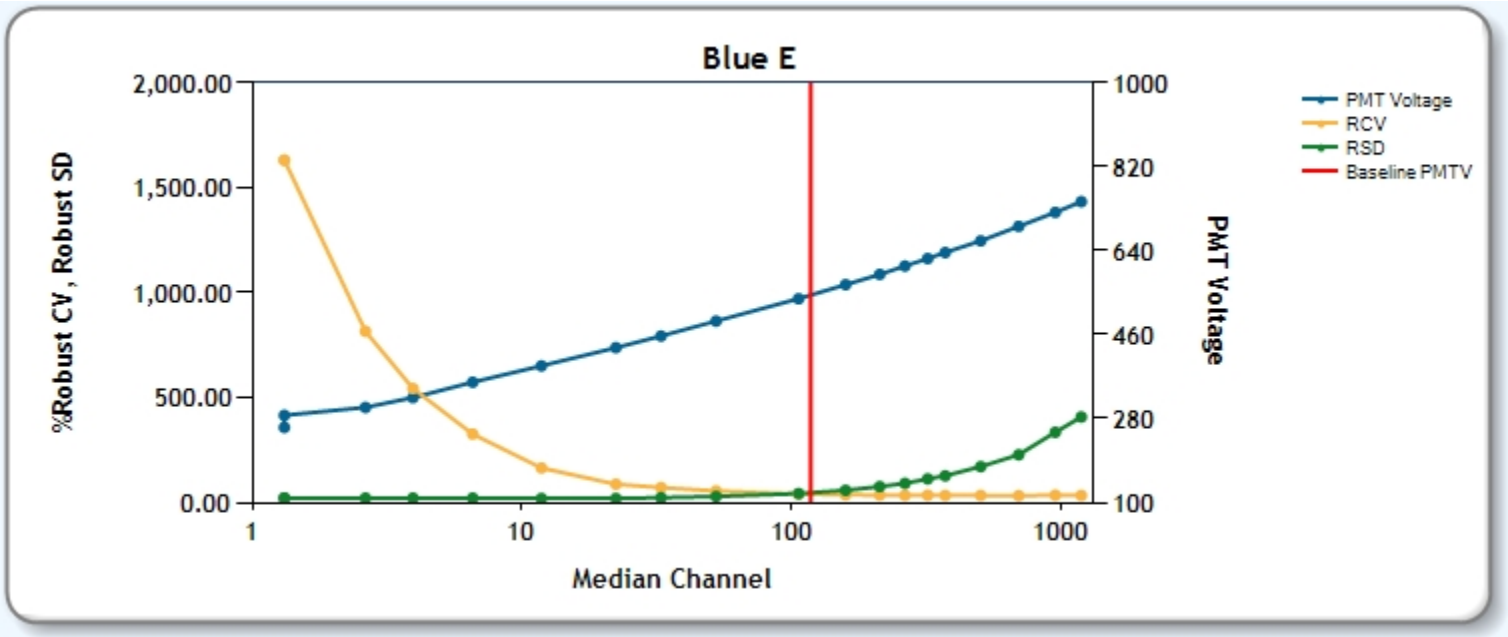
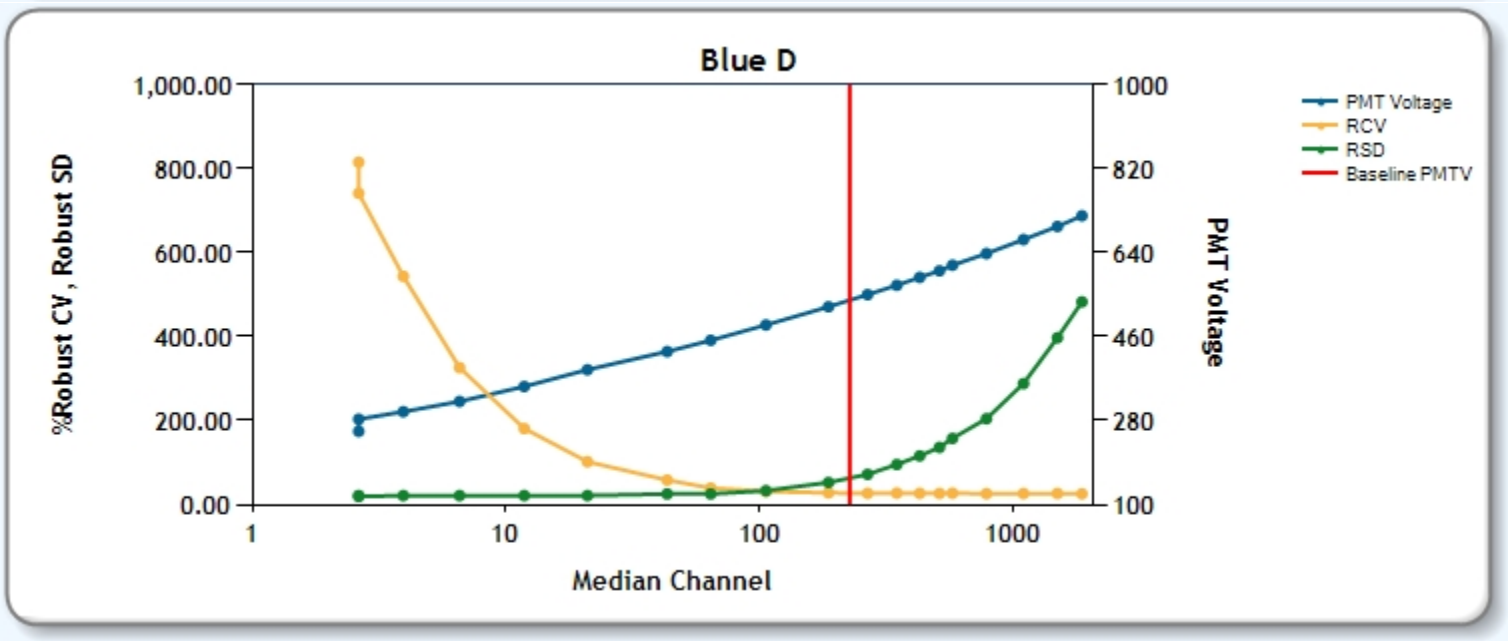
PMTV Optimization Results





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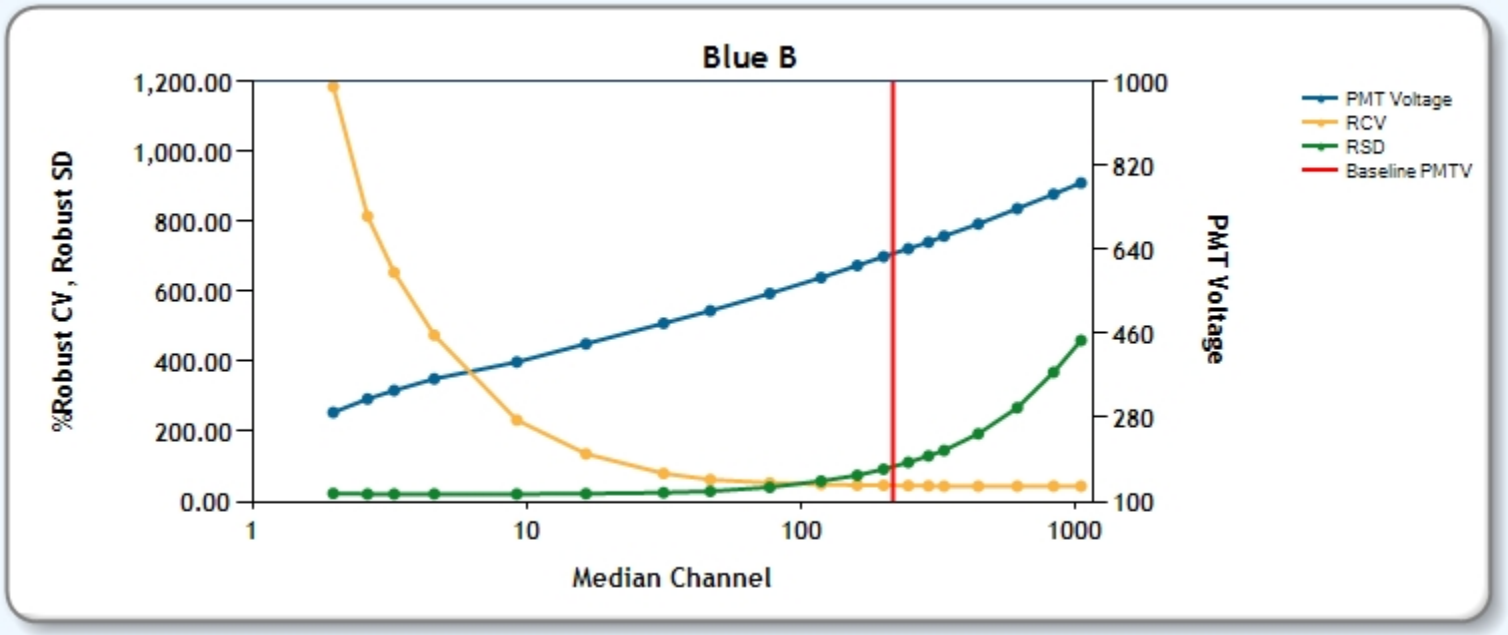

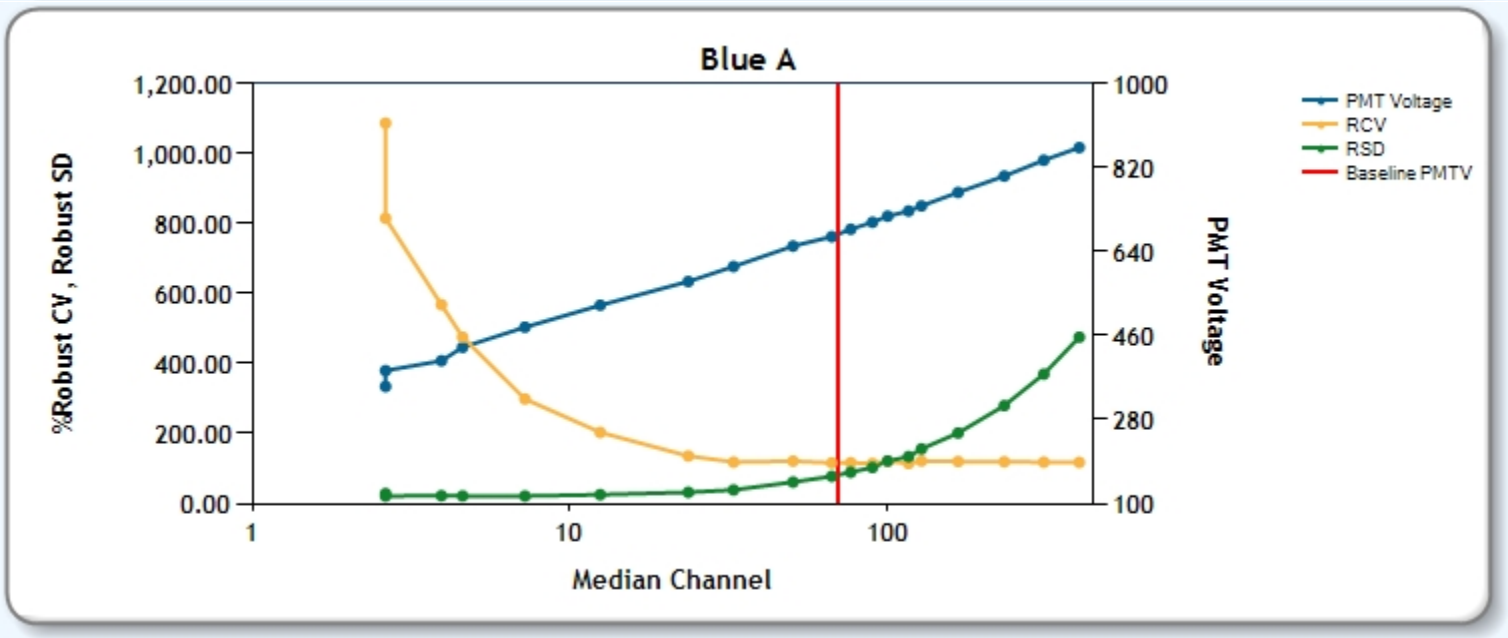

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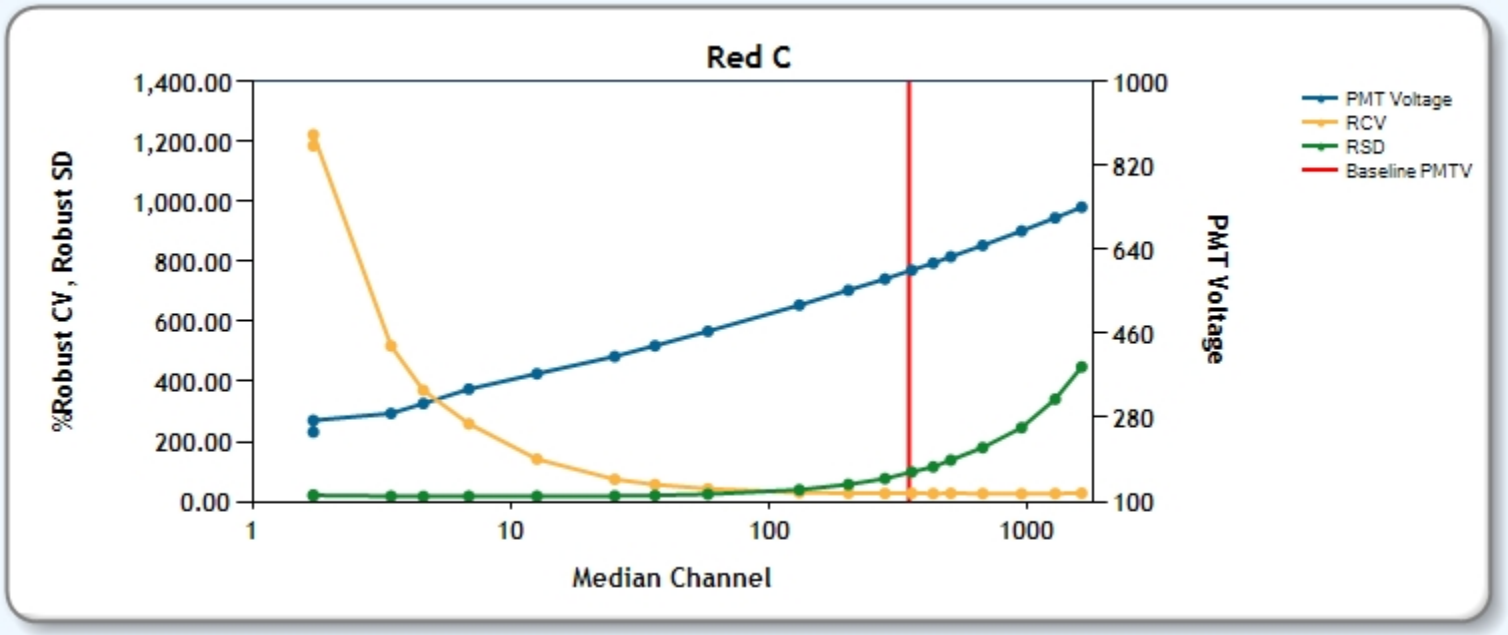

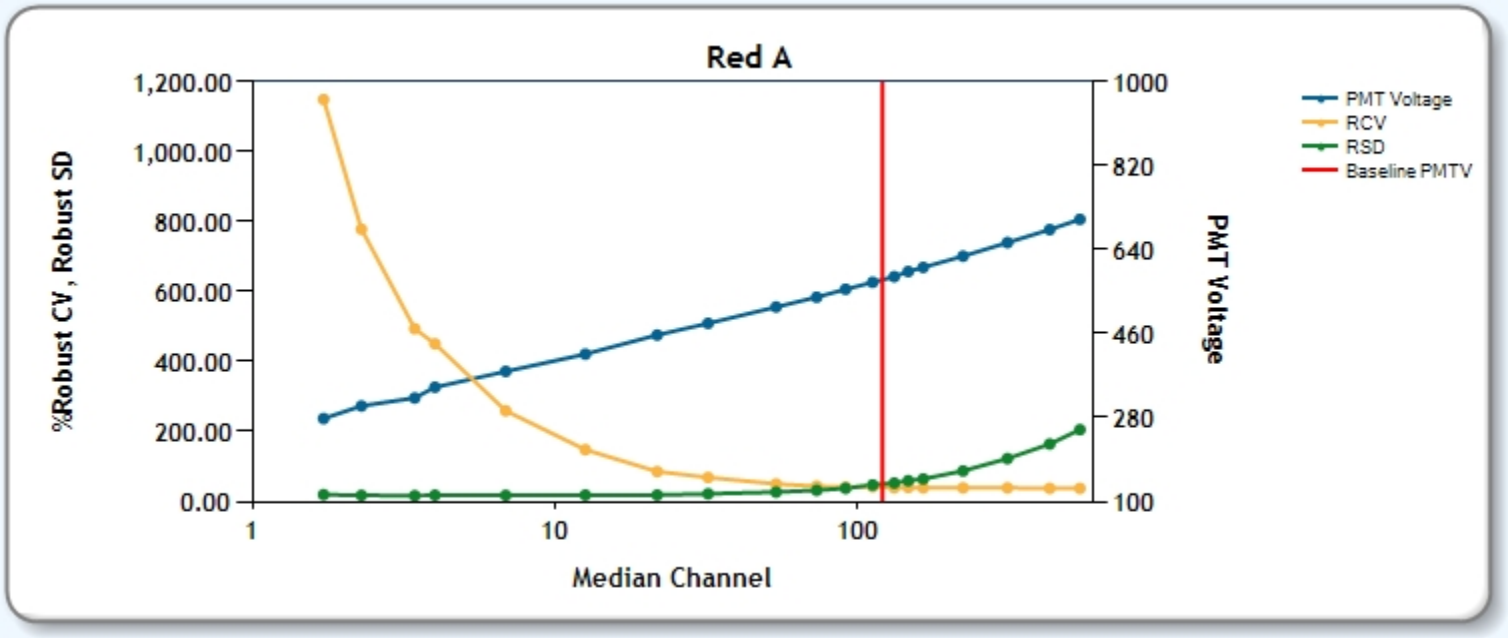

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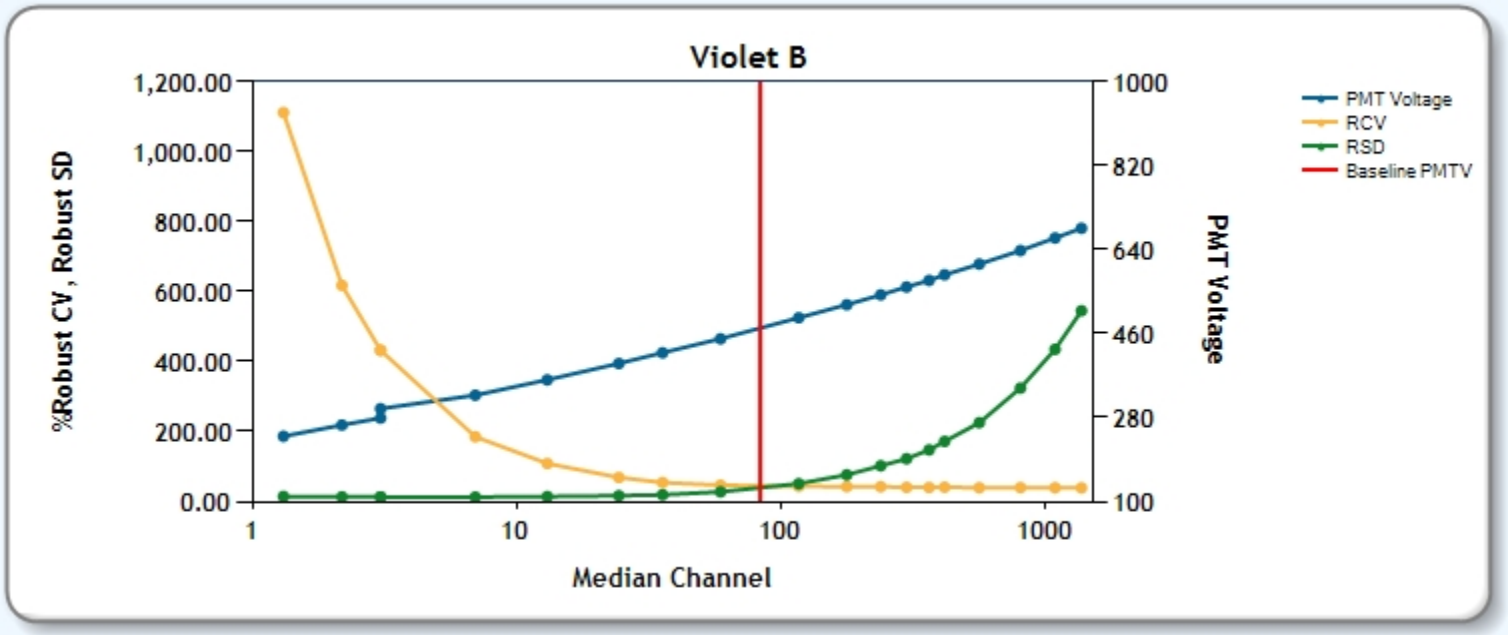

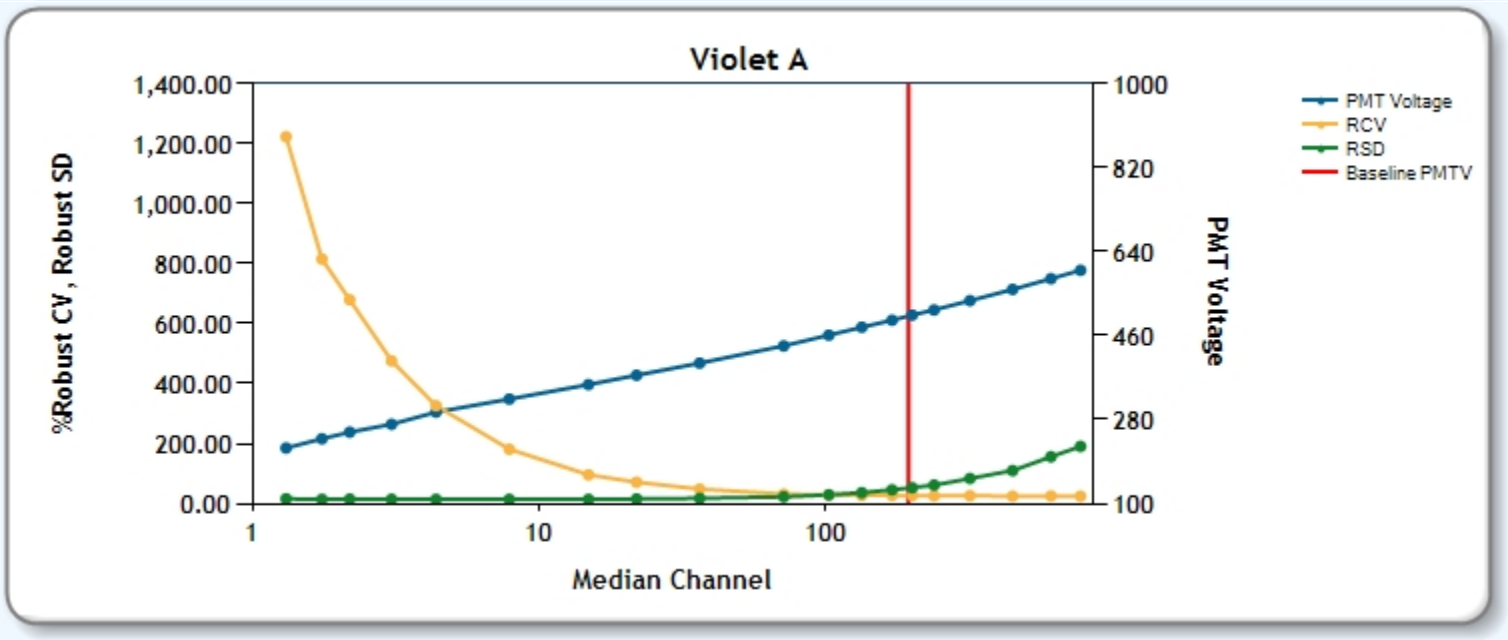

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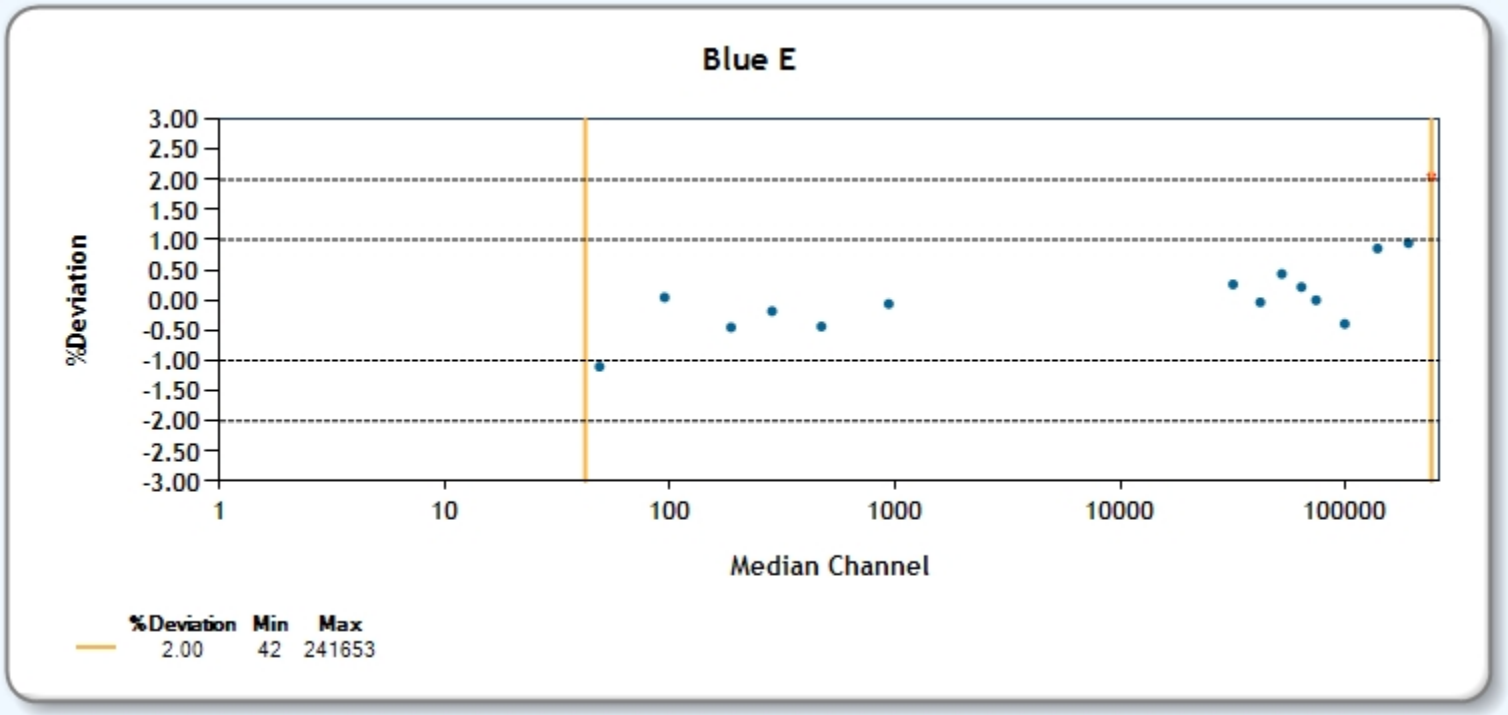
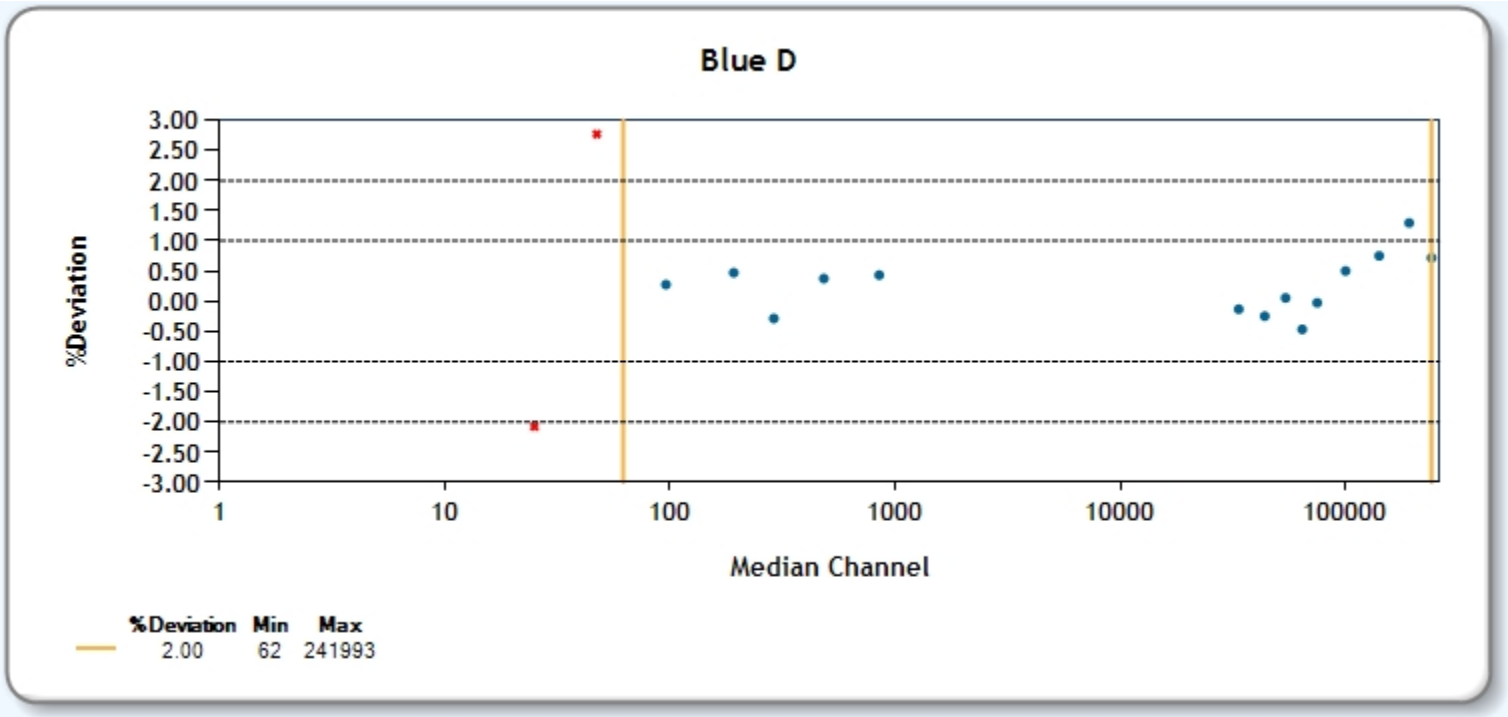
Linearity Results





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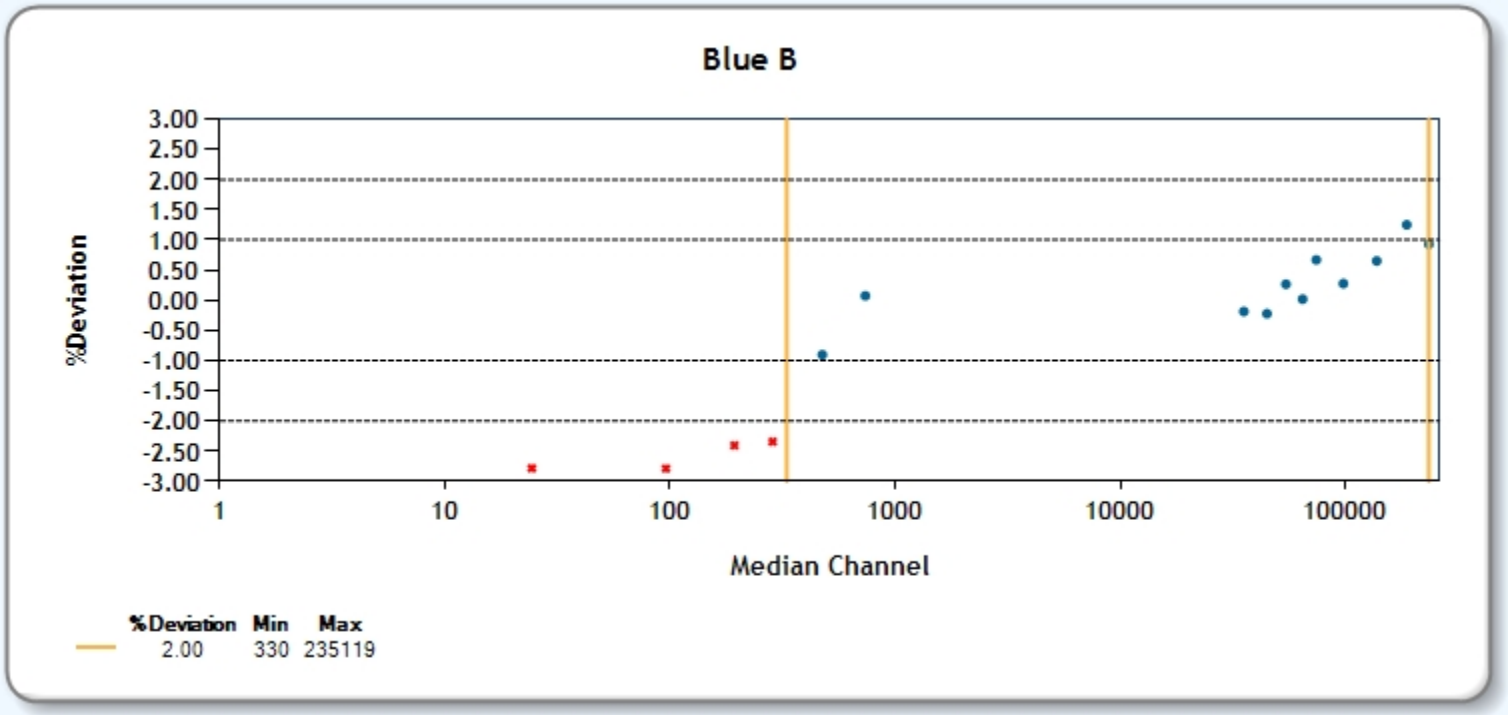

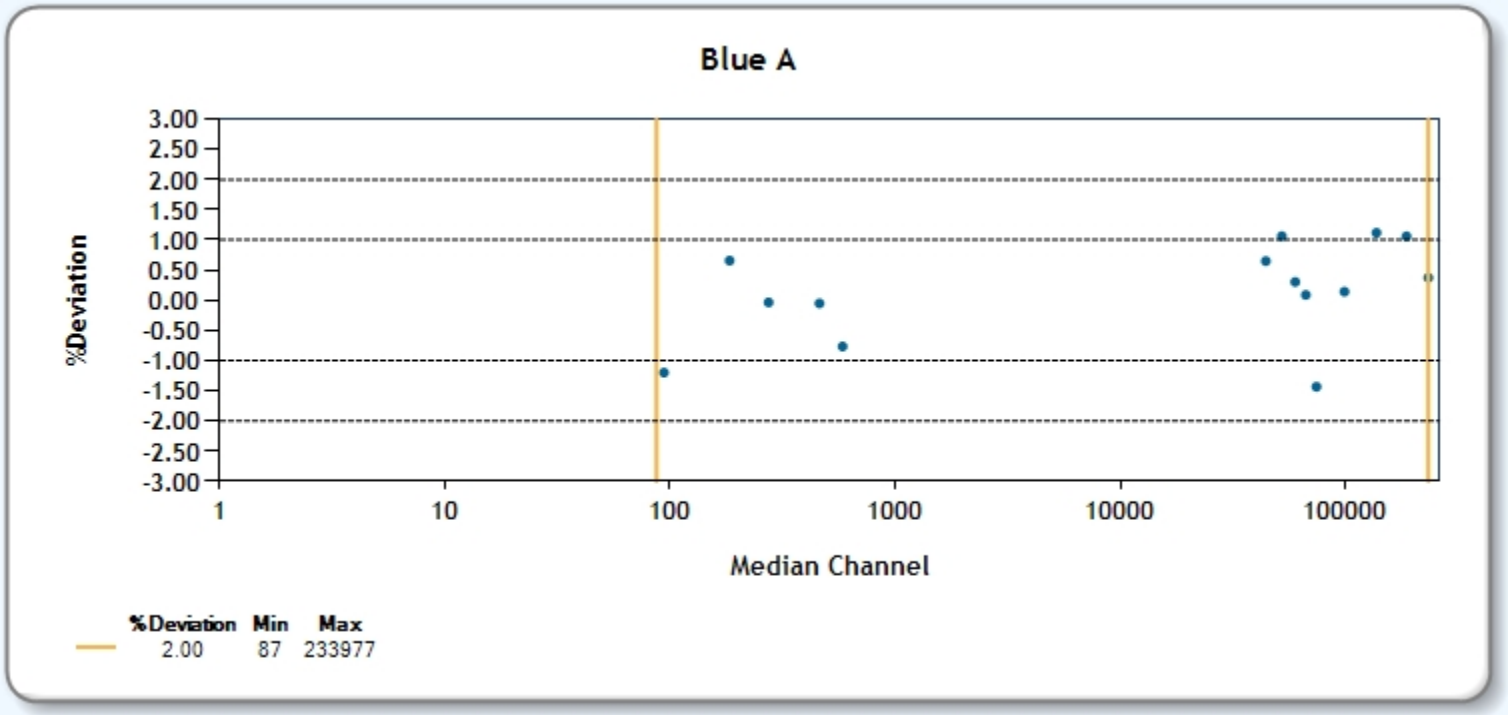

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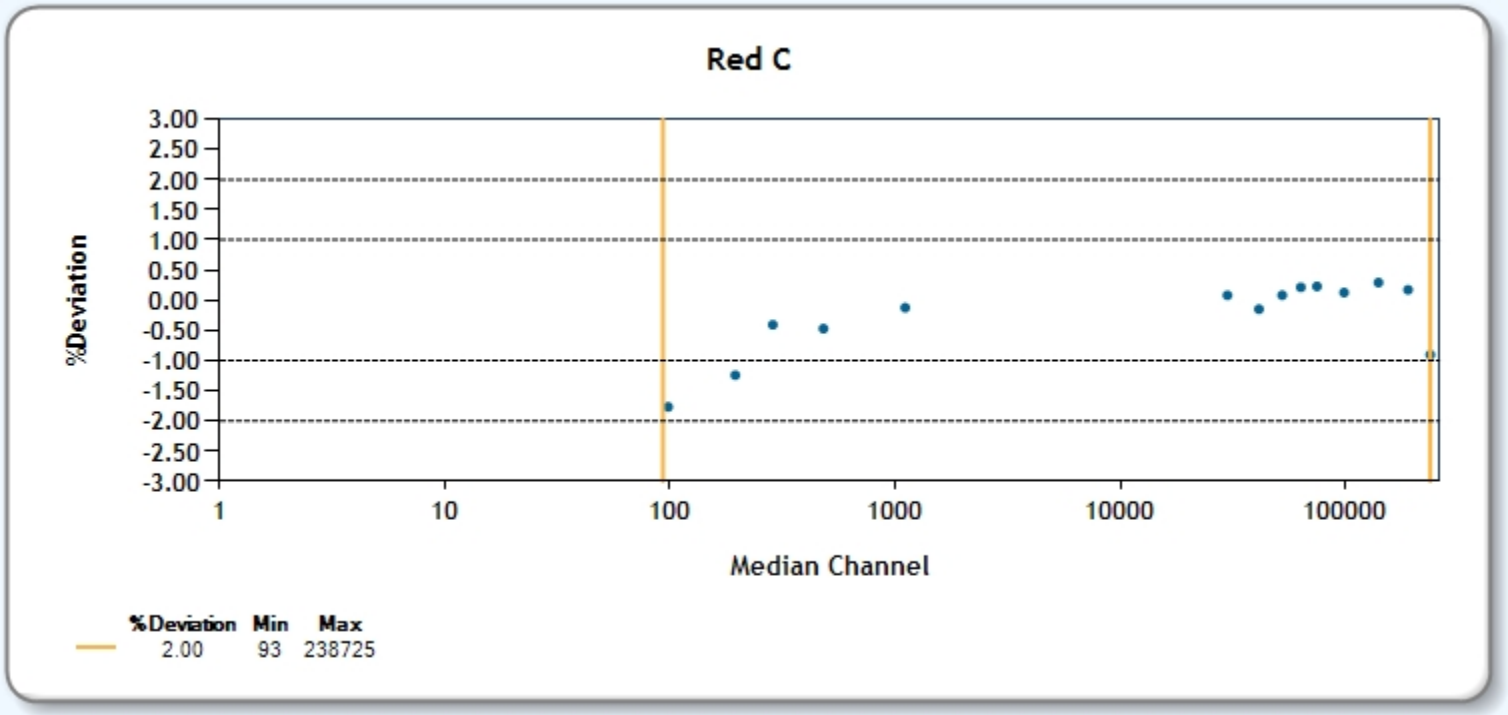

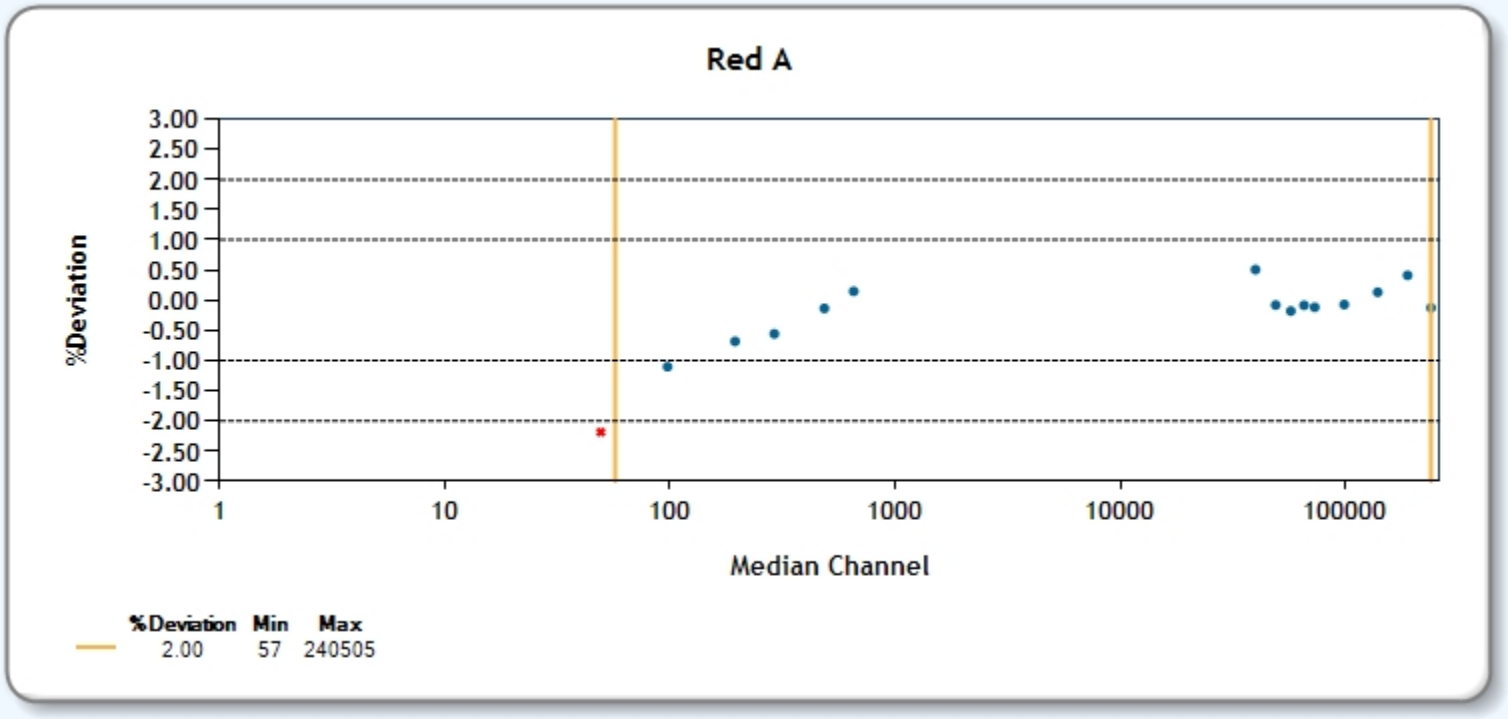

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